

Name: _____

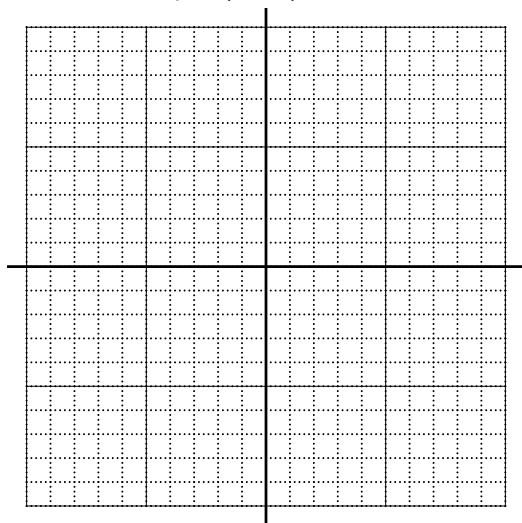
Date: _____

PCW__09__29: Graph Parent Translations (version 12)

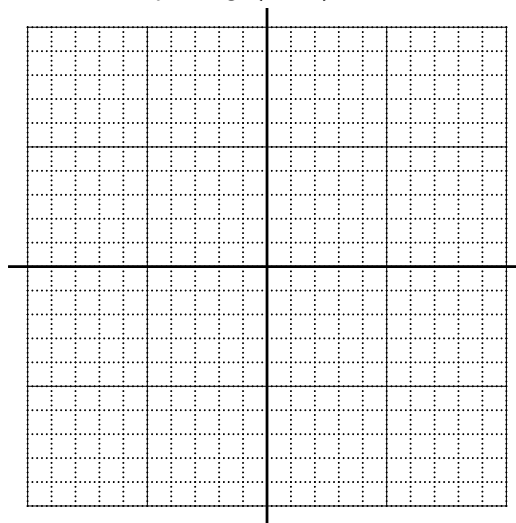
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

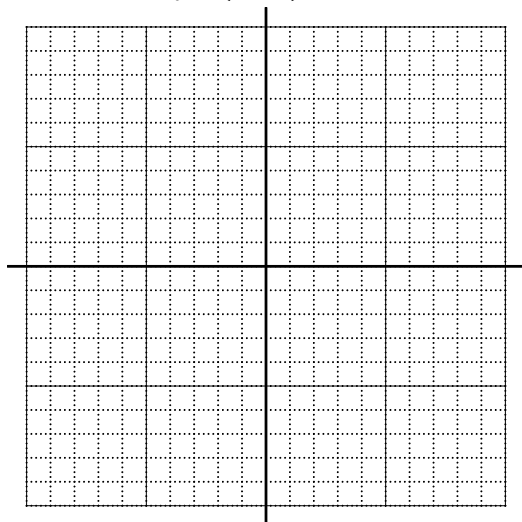
$$y = (x+2)^2 - 1$$



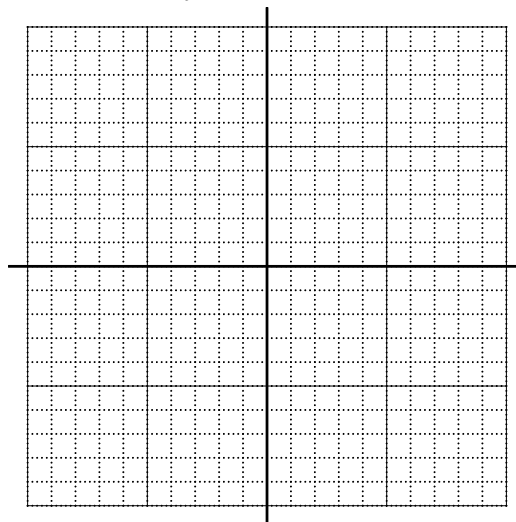
$$y = \log_2(x+4) - 2$$



$$y = (x+5)^3 + 4$$

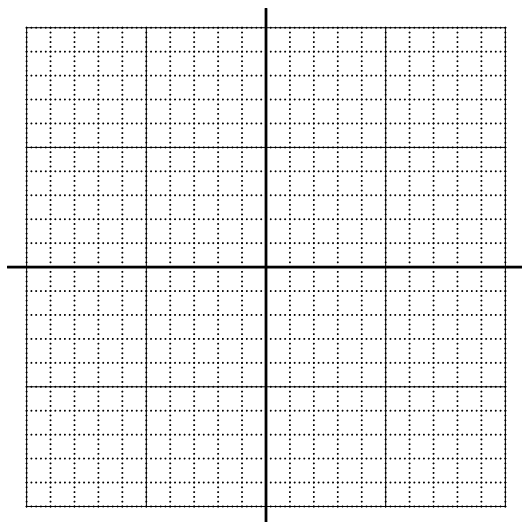


$$y = \sqrt{x-1} + 4$$

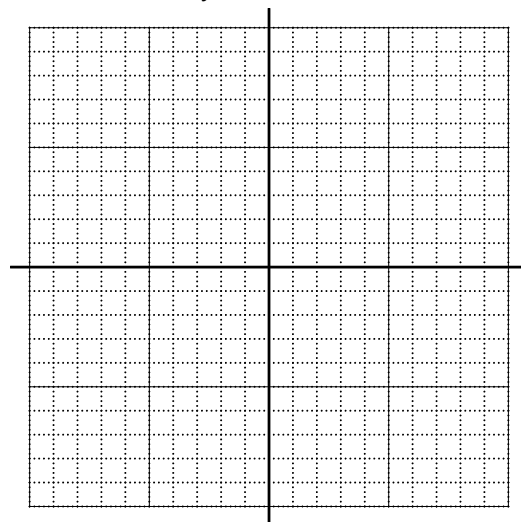


PCW_09_29: Graph Parent Translations (version 12)

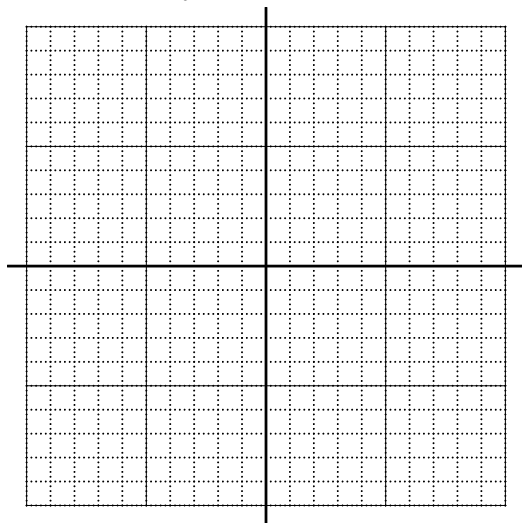
$$y = |x - 3| - 2$$



$$y = 2^{x-4} - 1$$



$$y = \sqrt[3]{x+2} - 3$$



$$y = \frac{1}{x+2} + 4$$

